

In the Specification:

Due to the number of amendments, a Substitute Specification pursuant to revised 37 CFR § 1.121 and 37 CFR § 1.125 is submitted herewith to facilitate the prosecution of this application. The Substitute Specification shows the changes made to the original application as filed. Applicant respectfully requests that the Substitute Specification with changes be entered in this case.



RECEIVED

SUBSTITUTE SPECIFICATION

Part #3

APR 03 2003

MINIATURE ROSE NAMED 'SAVAMONT'
TECH CENTER 1600/2900

5 BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct variety of ~~miniature Rose class~~ rosa chinensis hybrida. The new variety was created by crossing as seed parent the variety known as 'BENALAV' (U.S. Plant Patent No. 6,517) and as pollen parent, the
10 variety known as "RUMIRED" (U.S. Plant Patent No. 5,770). The varietal denomination of the new variety is 'SAVAMONT'.

SUMMARY OF THE INVENTION

Among the novel characteristics possessed by the new variety
15 which distinguishes it from its parents and all other varieties of which I am aware, is its attractive Red flowers.

Asexual reproduction by propagation of vegetative cuttings of the new variety as performed in Essex County, Massachusetts show that the foregoing and other distinguishing characteristics
20 come true to form and are established and transmitted through succeeding propagation.

COMPARISON WITH PARENTS

The new variety may be distinguished from its parents in
25 flower color. The new variety is much taller and more upright than its pollen parent 'RUIMIRED' and whereas the flower of the new variety is more Blue Red in color, flower of 'RUIMIRED' is more of an Orange Red color. The new variety differs from its seed parent BENLAV in flower color. Flowers of BENLAV are
30 lavender pink and flowers of the new variety are red.

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BRIEF DESCRIPTION OF ILLUSTRATION

5 The accompanying photograph illustrates a typical specimen
of the new variety and shows the flowering thereof from bud to
full bloom depicted in color as nearly true as it is reasonably
possible to make in a color illustration of the character.
Throughout this specification, color references and/or values are
based upon *The Royal Horticultural Society Colour Chart* and
10 terminology used in the color descriptions herein refers to plate
numbers in this color chart except where common terms of color
definition are employed.

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DESCRIPTION OF THE NEW VARIETY

5 The following observations were made of 5 year-old plants
of the new variety grown in 2-gallon plastic containers in Essex
County, Massachusetts during the months of July and August.
Phenotypic expression may vary with environmental, cultural and
climatic conditions, as well as differences in conditions of
light and soil.

10 FLOWER

Blooming Habit:

Continuous; ~~flowers remain~~
~~attached dropping with petals~~
~~and peduncle after fade~~
flowers last about a week on
the plant and then drop off
cleanly with the peduncle

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Bud

Medium; length about 1/2 to
5/8 inch just before sepals
divide; diameter is
approximately 1/2 inch in
width

20

Form:

Obovate

Color:

When sepals first divide
color near 60A; when petals
begin to unfurl, color near
60A

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Sepals:

Lanceolate with occasional
flags; extending ~~near~~about
5/8 inch beyond tip of bud

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Color:

Upper Surface:

Near 144A

Under surface:

Near 147C

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~~———— Hip/Stem Position: Rolling back quickly to 45°
angle with stem~~

5 Peduncle

Length: About 1 to 1 1/2 inches

Aspect: Straight

Strength: Erect

10 Color: Near 144A; texture smooth

BLOOM

Size: Average size of flower when
fully expanded about 1 7/8
inches in diameter

15 Borne: Clusters of 2 to 8 and also
singly

Form: Opens flat becoming and
remaining loosely rolled
outward

20 Petalage: Between 24 to 30

Fragrance: Slight

Persistence: ~~Drop~~ Flower drops off cleanly

25 Lasting Quality: Between 7 to 10 days as cut
flower

PETALS

Texture: Smooth

30 Appearance: Inside velvety; outside
satiny with slightly raised
veins

Form: Broad, spatulate

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5 Size: Length about 11/16 inch at
point of attachment to tip;
outer petal width about 3/4
inch

 Arrangement: Shingle-like; regularly
arranged

10 Color

 During first 2 days: Petals at center of flower
upper side near 46A, under
side near 53A; outer petals
upper side near 46A, under
side near 60A

15 In full bloom: Inner petals upper side
between 60A and 53A,
underside near 53A; outer
petals upper side near 53A,
under side near 60A

20 Base of petals
(Point of attachment): White

 General tonality from a
distance: Dark Red

25 Color Change: Very slight as bloom ages

 General tonality from a
distance: Dark Red even after 3 or more
days

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5 Petaloids in center: About 2 to 6; usually about
1/8 to 2/8 inches wide and
9/32 to 11/32 inches long;
shape is obovate with
acuminate base; apex tends
toward obtuse but often the
outer margin appears
10 malformed being emarginate to
varying degrees

Color: Same as inner petals

Texture: Smooth

15 REPRODUCTIVE ORGANS

Arrangement of stamens,
Filaments and Anthers: Regularly arranged around
styles

Stamens: About 100 or more

20 Filaments: About 1/16 to 1/8 inch; color
Deep Yellow near 20A

Anthers: Near 20B

Pollen: Ample quantity; color near
17A

25 Pistils: About 30

Styles: Thin, uneven length between
1/16 to 3/16 inch; color near
53C

30 Stigmas: Near 27B

Receptacle

Shape: Round; surface texture
pubescent

35 Size: About 5/16 inch

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Color: Off-White near 196D

5 Hips

Shape: Mostly globular, occasionally
apple and pear shaped

Size: Average diameter at widest
point between 13/16 and 14/16
10 inch

Color: Some areas near 28B; some
areas near 167A

Seeds: Seeds do not protrude;
surface texture glabrous;
15 color near 19C; seeds appear
to be viable; number of seeds
per hip is variable and
unknown; size and shape of
seeds also unknown

20 PLANT

Form: Upright, compact

Growth: Vigorous, uniform branching

Size: At maturity, height between
25 18 to 21 inches; width
between 20 to 24 inches

Foliage: Generally 5 leaflets,
occasionally 3 or 7 leaflets

Size: About 3 1/2 inches from stem
30 to tip measured along the
rachis; about 1 3/4 inches on
mature leaflet at terminal
leaflet base to tip

Quantity: Abundant

35 Color

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5	New foliage:	Upper side near 146A flushed with 187A; under side near 146B flushed with 187A
	Mature foliage:	Upper side near 147A; under side near 147B
10	Shape:	Oval pointed; <u>shape of the base of the leaflets is rounded and the apex is acute</u>
	Texture	
	Upper side:	Semi-glossy and glabrous
	Under side:	Matte and glabrous
15	Edge:	Serrated
	Serration:	Fine on new foliage becoming somewhat coarse and slightly uneven on older foliage
20	Stipules:	Very finely bearded; length is about 1/2 the length to the first set of leaflets; upper surface color near 147B, under surface near 146C
25	Rachis:	Smooth texture; upper side color near 147A, under side near 144A
30	Prickles:	Occasional; between 2 to 3 prickles on mature leaves, occasionally 5; color near 144C

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Resistance to disease:

Good resistance to insects
and Mildew; average
resistance to Blackspot,
resistance to Rust not
observed

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WOOD

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New shoots

Bark:

Smooth

Wood:

Near 144A

Old wood

Bark:

Smooth

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Wood:

Near 146A

Flowering stem:

Length between 4 1/2 to 5 1/2
inches

Thorns

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Quantity:

~~Ordinary quantity~~ About 4 per
inch on main stalks from
base; ~~many thorns~~ about 6 to 8
per inch on laterals from
stalk; fewer closest to
bud/flower

25

Form:

Flat base, slightly curved
downward to a point;
irregularly positioned

Length:

About 1/4 inch

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Color

Immature thorns:

Tip near 161C, at the base
near 183D

Mature thorns:

Near 165B

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Prickles:

None on main stalks

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Winter Hardiness:

Tested hardy zones 4 to 9;
winter protection recommended
in Zones 5 and colder

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